

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0011] appearing on pages 5 and 6 with the following amended paragraph:

[0011] Thus according to the present invention, a kit for diagnosing pulp exposure is provided. The kit comprises a probe syringe used for a pulp exposure probe and a current detector device for obtaining a circuit resistance value or a circuit impedance value from current flowing an electric closed circuit including the probe syringe. ~~wherein the~~ The probe syringe further comprises a discharge part formed with a flexible hollow material, a cylinder part continuous to the discharge part and retaining ion conductive paste, a piston inserted to the cylinder part, and an electric conductive member connecting inner and outer areas of the probe syringe. ~~and wherein the~~ The current detector device obtains the circuit resistance value or impedance value flowing the closed circuit through the ion conductive paste.

Please replace paragraph [0037] appearing on pages 15 and 16 with the following amended paragraph:

[0037] Since the ion conductive paste contains a lot of ionic compounds, the ion conductive paste has similar electric conductivity with saline and also has adequate ~~tixotropy~~ thixotropy due to the polymeric binder and various fillers such that the paste exhibits excellent deposition once it is discharged on the caries cavity even if only a shallow concave is present on the caries cavity. Therefore, the probe syringe of the present invention makes it possible to measure the electric resistance or impedance without contacting a hard material such as the probe directly to the damaged portion.

AMENDMENT TO THE ABSTRACT

Please replace the abstract with the following abstract:

Abstract of the Disclosure

~~A kit~~ Kit for diagnosing pulp exposure of ~~the present invention comprises~~ includes a probe syringe used for pulp exposure probe and a current detector device for obtaining a circuit resistance value or an impedance value from current flowing in an electric closed circuit including the probe syringe. The probe syringe further ~~comprises~~ includes a discharge part formed with a flexible hollow material, a cylinder part continuous to the discharge part and retaining ion conductive paste, a piston inserted to the cylinder, and an electric conductive member connecting inside and outside of the probe syringe, and the current detector device obtains the circuit resistance value or impedance value flowing in the closed circuit through the ion conductive paste and displays the obtained value on a display part.